## VIA EXPRESS MAIL EL629609077US PATENT 36856.1165

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hajime KANDO and Michio KADOTA		
Serial No.: Currently unknown		
Filing Date: Concurrently herewith	'	
For: SURFACE ACOUSTIC WAVE DEVICE		
	1	

## **INFORMATION DISCLOSURE STATEMENT**

Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §1.56, and in recognition of their duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicant herewith submits copies of the prior art listed on the attached Information Disclosure Statement (Form PTO-1449), including an English abstract. The relevance of the article entitled "Longitudinal Leaky Surface Acoustic Wave on  $\text{Li}_2\text{B}_4\text{O}_7$ " is set forth in the specification of the present application.

The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Information Disclosure Statement December 10, 2003 Page 2 of 2

Applicants respectfully request that the disclosed references be made of record in the subject application.

Respectfully submitted,

Date: December 10, 2003

Attorneys for Applicant(s)

Joseph R. Keating Registration No. 37,368

Christopher A. Bennett Registration No. 46,710

KEATING & BENNETT LLP 10400 Eaton Place, Suite 312 Fairfax, VA 22030

Telephone: (703) 385-5200 Facsimile: (703) 385-5080

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,
Sheet	1	of	2

Complete if Known			
Application Number			
Filing Date			
First Named Inventor	Hajime KANDO		
Art Unit			
Examiner Name			
Attorney Docket Number	36856.1165		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2(if known)</sup>	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
					Figures Appear
			<del></del>		
<del>,</del>					
_			l		
	-				
			<del></del>		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> Number-Kind Code <sup>5</sup> (if known)	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	1e
	1	JP 08-288788	11/1996	JAPAN		Х
						-
						-
						<del></del>
			-			<del>                                     </del>
						<del> </del>
						$\perp$

Examiner	Date	
Signature	Considered	
	· · · · · · · · · · · · · · · · · · ·	

<sup>\*</sup>Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document by the two-letter code (WIPO Strandard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Abstract is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use as many sheets as necessary)

Sheet 2 of 2 Attorney Docket Number 36856.1165

		NON PATENT LITERATURE DOCUMENTS	
Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title	Т
Initials	No.1	Of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-	T2
		issue number(s), publisher, city and/or country where published.	'-
	2	Takahiro SATO et al., "Longitudinal Leaky Surface Acoustic Wave on Li <sub>2</sub> B <sub>4</sub> O <sub>7</sub> ",	<del> </del>
		O&E Components Division, JAPAN ENERGY CORP., p.1-446, 1994.	
	3	Shigetaka TONAMI et al., "Characteristics of Leaky Surface Acoustic Waves Propagating on LiNbO <sub>3</sub> and LiTaO <sub>3</sub> Substrates", Japanese Journal Applied	
		Physics, Vol. 34 (1995), pp. 2664-2667, Part I. No. 5B, 05/1995.	
			,
		·	
T			

Examiner	·	Date	
Signature			
Signature		Considered	

<sup>\*</sup>Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.